

IN THE CLAIMS

Please **amend** claim 1 with the following rewritten claim:

- E1
1. (THRICE AMENDED) An isolated DNA molecule comprising a nucleotide sequence encoding a protein comprising the amino acid sequence of SEQ ID NO:4, wherein said protein has lysozyme activity.

Please **add** new claim 16 as follows:

- E2
16. (NEW) An isolated DNA molecule having a nucleotide sequence encoding a protein having the amino acid sequence of amino acids 19-146 of SEQ ID NO:4, wherein said protein has lysozyme activity.

[Please **add** new claim 17 as follows:]

17. (NEW) A method for producing a LYC3 protein comprising:

(a) introducing an expression vector for production of LYC3 protein, said vector comprising a nucleotide sequence encoding a polypeptide having the amino acid sequence of SEQ ID NO:4 or of amino acids 19-146 of SEQ ID NO:4, wherein said nucleotide sequence is operably linked to at

least one expression control sequence, into a host cell, thereby forming a recombinant host cell;

(b) culturing the recombinant host cell of (a) under conditions suitable for expression of the DNA molecule encoding the polypeptide, such that LYC3 protein is produced; and

(c) isolating the LYC3 protein so produced.

wherein said nucleotide sequence comprises nucleotides 81-521 of SEQ ID NO:3.

E2
Cont

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